

# LED Street Lighting Academy

A webinar series for local governments presented by NYSERDA's Clean Energy Communities program and the Lighting Research Center of Rensselaer Polytechnic Institute

**By converting street lights to energy-efficient LED technology, local governments are able to save taxpayer dollars, provide better lighting, reduce energy use, and improve the environment.**

Local governments are critical partners in supporting Governor Andrew M. Cuomo's Green New Deal, a nation-leading clean energy and jobs agenda putting New York on a path to carbon-neutrality.

NYSERDA and The Lighting Research Center (LRC) of Rensselaer Polytechnic Institute are teaming up for the LED Street Lighting Academy – a series of four (4) monthly webinars to educate local governments on LED street lighting options and better prepare municipal decision-makers for interacting with contractors and the public. Register for all four. The webinars will take place on Tuesdays at 10:00 AM on the following dates:

## September 10, 2019 | LED Street Lighting - Help is on the Way

This seminar will introduce the LRC, its capabilities, and services available through this project. It will also review the street lighting decision making process, basics of LED street lighting, and important characteristics to consider when planning a street lighting installation or retrofit.

Click [here](#) to register.

## October 8, 2019 | Talking Tech - How LED Street Lights Compare

This seminar will present an overview of LED street lighting technology, systems, and products. The goal of the presentation is to assist municipal decision makers to critically analyze LED products under consideration, and select the best products to meet their project goals and objectives. Information will include light distribution characteristics of various LED street lighting product types, as well as accurately determining wattage equivalents for existing high-pressure sodium (HPS) or metal halide (MH) street lights. Presenters will discuss system life, failure mechanisms, and maintenance requirements. The presentation will also include a checklist of important questions to ask contractors when considering purchase and installation of new street lighting equipment.

Click [here](#) to register.

## November 12, 2019 | Planning for Success with LED Street Lighting

The seminar will present information on the design, layout, and application of LED street lighting. The goal of the presentation is to assist municipal decision makers to make the best decisions when planning/designing/installing/retrofitting existing or new street lighting installations. The seminar will include information on important street lighting design considerations including light levels, lighting uniformity and distribution, glare, light pollution (skyglow and light trespass) as well as aesthetic/appearance considerations, and addressing budgetary constraints. The presenters will also discuss lighting considerations for sidewalks, crosswalks, and other areas along streets and roadways.

Click [here](#) to register.

## December 10, 2019 | Understanding Impacts on the Public

This seminar will present information on the human-factor considerations of LED street lighting. The goal of the presentation is to assist municipal decision makers to better understand the interaction of street lighting and people. Topics that will be covered in the seminar include color consideration of LED street lighting (color appearance of the light as well as of illuminated objects/people), brightness perception, safety, security, crime prevention, implications of LED street lighting for human health and wellbeing, and interaction of LED street lighting and economic development. The seminar will also discuss adaptive street lighting, and intelligent/connected LED street lighting control systems and strategies.

Click [here](#) to register.



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